

INTERNATIONAL SEARCH REPORT

In national Application No
 Filing No. US2004/025961

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D487/04 A61K31/519

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 641 781 A (YOSHITOMI PHARMACEUTICAL INDUSTRIES LTD.) 8 March 1995 (1995-03-08) Formula I, claim 6; examples 9-11,27	1-17
A	EP 0 729 758 A (PFIZER INC.) 4 September 1996 (1996-09-04) Formula 1, page 2, lines 1-26 page 7, lines 54,55	1-17
A	WO 98/35048 A (SHOKAT KEVAN M ; UNIV PRINCETON (US)) 13 August 1998 (1998-08-13) page 71, lines 2-13; claim 43 page 72, lines 18-21; figure 11	1-17
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

2 December 2004

Date of mailing of the international search report

10/01/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Int. Patent Application No.
PCT/JP2004/025961

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ANTHONY C. BISHOP, KAVITA SHSH, YI LIU, LAURIE WITUCKI, CHI-YUN KUNG, KEVAN M. SHOKAT: "Design of allele-specific inhibitors to probe protein kinase signaling" CURRENT BIOLOGY, vol. 8, no. 5, 1998, pages 257-266, XP002308641 compounds 3a-3d, table 1 -----</p>	1-17

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International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 11-17
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 11-17 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/US2004/025961

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0641781	A	08-03-1995	AT 194977 T	15-08-2000
			DE 69231297 D1	31-08-2000
			DE 69231297 T2	23-11-2000
			DK 641781 T3	18-09-2000
			EP 0641781 A1	08-03-1995
			GR 3034633 T3	31-01-2001
			KR 133372 B1	23-04-1998
			US 5478838 A	26-12-1995
			CA 2117096 A1	18-03-1993
			ES 2148179 T3	16-10-2000
			WO 9305021 A1	18-03-1993
			JP 3275389 B2	15-04-2002
			JP 5194401 A	03-08-1993
			JP 3265695 B2	11-03-2002
			JP 6041080 A	15-02-1994
EP 0729758	A	04-09-1996	AU 715380 B2	03-02-2000
			AU 4585996 A	12-09-1996
			CA 2170700 A1	03-09-1996
			CN 1141297 A ,B	29-01-1997
			EP 0729758 A2	04-09-1996
			IL 117229 A	12-02-2003
			JP 8259567 A	08-10-1996
			NZ 286103 A	25-08-2000
WO 9835048	A	13-08-1998	ZA 9601696 A	01-09-1997
			AT 271130 T	15-07-2004
			AU 755062 B2	05-12-2002
			AU 6153598 A	26-08-1998
			CA 2279846 A1	13-08-1998
			DE 69825066 D1	19-08-2004
			EP 1017823 A2	12-07-2000
			JP 2002503953 T	05-02-2002
			JP 2004248675 A	09-09-2004
			MX 9907317 A	02-09-2002
			WO 9835048 A2	13-08-1998
			US 6390821 B1	21-05-2002
			US 6521417 B1	18-02-2003
			US 2002016976 A1	07-02-2002
			US 2002146797 A1	10-10-2002